

In the claims:

For the Examiner's convenience, all pending claims are presented below.

1. (Currently Amended) A tuner comprising:
an input section for converting a radio frequency signal to a sequence in time of amplitude samples;
a threshold generator for generating a threshold as a first function of an average of amplitudes of a plurality of said amplitude samples;
a comparator for comparing said amplitude of each of said amplitude samples with said threshold;
and a corrector responsive to said comparator for setting to zero each of said amplitude samples whose amplitude is greater than said threshold and to transmit a signal to said threshold generator indicating that, said threshold generator is to exclude ~~excluding~~ from said average any of said amplitude samples whose amplitude exceeds said threshold.
2. (Previously Presented) A tuner as claimed in claim 1, in which said corrector is arranged to set to zero n consecutive ones of said amplitude samples after each of said amplitude samples whose amplitude is greater than said threshold, where n is a positive integer.
3. (Previously Presented) A tuner as claimed in claim 1, in which said corrector is arranged to set to zero m consecutive ones of said amplitude samples before each of said amplitude samples whose amplitude is greater than said threshold, where m is a positive integer.
4. (Original) A tuner as claimed in claim 1, in which said average is a moving average.
5. (Previously Presented) A tuner as claimed in claim 1, in which said threshold is greater than a product of said average and a peak-to-average ratio of said amplitude samples [intermediate signal].

6. (Original) A tuner as claimed in claim 1, in which said threshold is greater than three times said average.
7. (Original) A tuner as claimed in claim 1, in which said input section comprises a zero intermediate frequency converter.
8. (Previously Presented) A tuner as claimed in claim 1, in which said input section has in-phase and quadrature outputs for supplying said amplitude samples.
9. (Previously Presented) A tuner as claimed in claim 1, in which said input section comprises an analogue/digital converter for forming said amplitude samples as digital samples.
10. (Original) A tuner as claimed in claim 1, comprising a COFDM demodulator.
11. (Previously Presented) A tuner as claimed in claim 1, comprising a fast Fourier transformer for processing said amplitude samples from said corrector.
12. (Currently Amended) A set top box comprising:
 - a tuner comprising:
 - an input section for converting a radio frequency signal to a sequence in time of amplitude samples;
 - a threshold generator for generating a threshold as a first function of an average of amplitudes of a plurality of said amplitude samples;
 - a comparator for comparing said amplitude of each of said amplitude samples with said threshold; and
 - a corrector responsive to said comparator for setting to zero each of said amplitude samples whose amplitude is greater than said and to transmit a signal to said threshold generator indicating that; said threshold generator is to exclude

~~excluding~~ from said average any of said amplitude samples whose amplitude exceeds said threshold.

13. (Currently Amended) A television receiver comprising:

a tuner comprising:

an input section for converting a radio frequency signal to a sequence in time of amplitude;

a threshold generator for generating a threshold as a first function of an average of amplitudes of a plurality of said amplitude samples;

a comparator for comparing said amplitude of each of said amplitude samples with said threshold; and

a corrector responsive to said comparator for setting to zero each of said amplitude samples whose amplitude is greater than said and to transmit a signal to said threshold generator indicating that, said threshold generator is to exclude ~~excluding~~ from said average any of said amplitude samples whose amplitude exceeds said threshold.

14. (Currently Amended) A television signal recorder comprising:

a tuner comprising:

an input section for converting a radio frequency signal to a sequence in time of amplitude samples;

a threshold generator for generating a threshold as a first function of an average of amplitudes of a plurality of said amplitude samples;

a comparator for comparing said amplitude of each of said amplitude samples with said threshold; and

a corrector responsive to said comparator for setting to zero each of said amplitude samples whose amplitude is greater than said and to transmit a signal to said threshold generator indicating that, said threshold generator is to exclude ~~excluding~~ from said average any of said amplitude samples whose amplitude exceeds said threshold.